



CLINICAL  
DIAGNOSTICS

Independent Quality Controls for  
Roche **cobas**® Mass Spectrometry Solution



Independent Third Party Mass Spectrometry  
Quality Controls for Roche **cobas**® i 601 analytical unit



TECHNOPATH  
CLINICAL DIAGNOSTICS

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### Independent Quality Controls for Roche **cobas**<sup>®</sup> i 601 analytical unit

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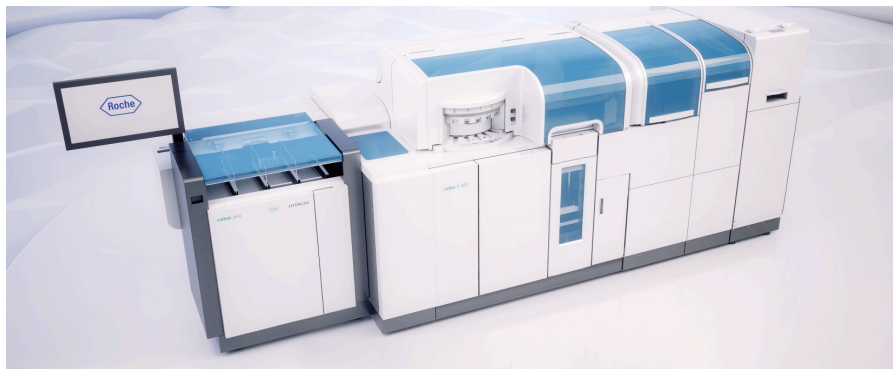
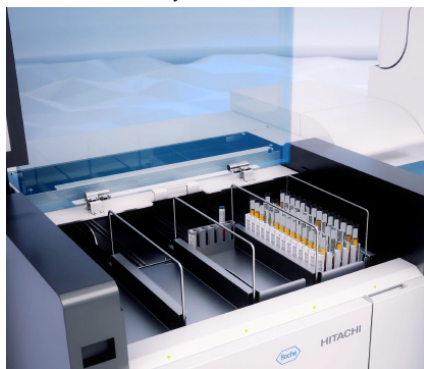
## A fully integrated sample-to-results solution

Laboratory design, integration and automation have always been central to Roche Diagnostics. Over the years Roche has pioneered the integration of all disciplines into the core lab, and importantly connecting the data.

Today, the healthcare industry is focused on Mass Spectrometry (Mass Spec) to empower clinical laboratory medicine diagnostics, opening new avenues for personalized medicines. The advantages of Mass Spec are clear. Superior sensitivity and specificity.

**The Roche **cobas**® Mass Spec solution now brings fast turnaround, high throughput, full automation, connected to LIS, robust ready-for-use reagents, and fully integrated into the core lab.**

Mass Spec is offering labs an unbiased, consistent method to evaluate a vast number of substances, such as sex hormones and therapeutic drugs with typically better specificity and sensitivity compared to traditional immunoassays.



The **cobas**® Mass Spec solution, will be fully integrated into the core lab and **cobas**® **pro** integrated solutions together with immunoassay and clinical chemistry analyzers and ISE.

## Enhance laboratory efficiencies with Technopath independent quality control solutions

Technopath have partnered with Roche to develop the portfolio of load and go quality controls for the **cobas**® i 601 analytical unit.

Technopath consolidated QC materials deliver labour savings by reducing handling requirements involved in running a QC process. Independent studies have also shown that a reduction in the physical handling of quality control vials can lead to a reduction in transposition errors made by laboratory staff. Consolidated controls lead to a reduction in packaging waste, meaning more environmentally friendly, and in dead volume waste, meaning more economically attractive.

The Technopath software programme, IAMQC®, compliments Multichem Quality Controls by enabling laboratories to compare their QC results with laboratories globally. Automated connectivity streamlines data collection, reducing QC analysis and reporting time.





## Technopath and Roche help your laboratory achieve greater efficiencies in QC processes through reduced handling time, reduced costs and barcoded vials.



### Accreditation/regulatory compliance

Independent QC material facilitates meeting accreditation and regulatory guidelines, such as CLIA, CLSI, CAP, ISO and RilibÄK.



### Targeted at clinical decision points

Quality controls targeted at clinical decision points, giving clinicians' confidence in the validity of test results.



### Value assigned

Value assignment saves technologist time when setting up initial reference intervals.



### Automated configuration of new QC lots

Faster turn around time for quality control set up. Use the automated QC configuration process to upload the QC targets and ranges directly on to your Roche system, reducing errors and increasing productivity.



### Human-based matrices

Human-based matrices provide patient-like performance with commutability in test measurement to increase confidence in QC results.



### Reduction in handling errors

All Technopath Multichem controls are liquid, meaning no reconstitution of lyophilised controls.



### Streamlined supply chain

Reduction in the number of part numbers to be purchased streamlines the supply chain. Fewer part numbers equates to a lower number of lots to manage.



### Results upload to IAMQC Peer with Roche cobas® mobile solutions connector

Automatic upload of QC results to IAMQC Peer. <sup>[1]</sup>

### Inter-Lab QC comparison reports

Technopath IAMQC® Peer software offers Six-Sigma, Levey-Jennings, Youden, Bias, Group Coordinator, Measurement of Uncertainty, Monthly Summary, and Exceptions reports to give your laboratory the information it requires to monitor QC. Multiple languages are supported. <sup>[2]</sup> <sup>[3]</sup>

1. Contact your Roche representative for more information on the cobas Mobile Solutions Connector.  
2. "The laboratory shall participate in inter-laboratory comparisons ...." ISO15189:2022.  
3. "[A] laboratory should actively participate in inter-laboratory QC programs when such programs are available." CLSI C-24 4<sup>th</sup> edition.

## Enhance Laboratory Efficiencies with Multichem® Independent Quality Controls and IAMQC® QC data management software.



### CONSOLIDATION

Fewer products required to meet your core laboratory control needs, leading to increased operational efficiencies and reduced waste.



### AUTOMATION

Load and go barcoded controls with target values and ranges pre-loaded on the cobas enterprise system. reducing handling and setup time.



### QUALITY

Independent, 3rd party, human-matrix based controls with analytes targeted at clinical decision points supporting clinician quality goals.

Internal Laboratory Quality Control (IQC) is important in ensuring confidence in patient test results and in meeting accreditation requirements including CLIA, CLSI, CAP, RiliBÄK and ISO.

Increasingly Laboratories seek objective assessment and comparison of analytical methods and instrumentation performance, to meet their quality goals.

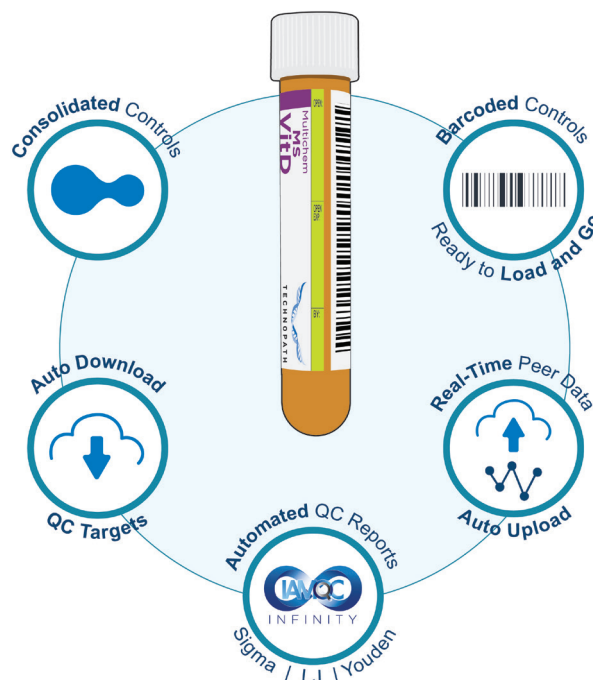
Technopath's Independent quality control solution, Multichem QC and IAMQC software, provides clinical laboratories with significant cost, handling and time savings, whilst delivering higher confidence in analytical testing methods.

## Advancing Quality Control in the Clinical Laboratory

By utilising Multichem barcoded QC materials, laboratories can optimise their QC workflow and minimise handling errors. It is supported and complemented with IAMQC® data management system.

### Learn more here:

<https://www.technopathclinicaldiagnostics.com/knowledge-centre-roche-customer/>



## A Guide on How to Access and Review Multichem Instructions for Use (IFU)

Multichem independent third party quality control (QC) materials are classed as in-vitro diagnostic medical devices. Therefore, it is important that the Instructions For Use (IFU) for each lot is read and adhered to.

The IFU contains important information in relation to:

- Precautions that users should take while handling the product
- Procedure for use
- Storage, stability and exceptions where applicable
- Limitations of the product
- Representative values, specific to each lot of product



## Accessing Multichem IFUs

<https://eifu.technopathcd.com/>

Multichem IFUs for Roche **cobas**® are available from the Technopath eIFU website.

Go to: <https://eifu.technopathcd.com/> **1**

**Technopath CLINICAL DIAGNOSTICS**

### Electronic Instructions for Use

To access an electronic IFU, please use the dropdown menus to select your preferred language, product and corresponding lot number

Select language from the dropdown menu **2** English

Select the product from the dropdown menu **3** Product: Select Multichem product

Select the lot number **4** Lot No: 00000000

| # | Part Number |
|---|-------------|
| 1 | 00000000000 |

**Document**

- COA Multichem product <partcode> <lot no.>
- Customer Communication CC0000 Rev 00
- IFU Multichem.pdf

'Customer Communication' provides notifications of updates or changes in addition to the IFU **i**

**Download IFU** **5**

## Important information contained in the Multichem IFU

All details contained with the IFU are important. For daily running of QC, particular attention should be given to the sections below.

### Precautions

#### PRECAUTIONS

**Warning: Biological source material. Treat as potentially infectious.**

- For In Vitro Diagnostic Use.

All users should make themselves familiar with the precautions set out in the IFU. This information will help the user to take the necessary steps for the safe handling of materials.

### Procedure for Use

#### PROCEDURE FOR USE

This product should be treated the same as patient specimens and run in accordance with the instructions accompanying the instrument, kit, or reagent

Procedure for use varies between different Multichem controls. Laboratory personnel should review product specific handling information.

### Storage

#### STORAGE

This product will be stable until the expiration date when stored unopened

Multichem control storage requirements vary between products. Multichem quality controls are stable until the expiration date when stored correctly.

### Product Stability & Exceptions

| STABILITY                       |          |
|---------------------------------|----------|
| Analyte stability located here. |          |
| EXCEPTIONS                      |          |
| Analyte                         | Duration |
| -                               | -        |

Review each lot number for product specific stability claims and exceptions

### Limitations

#### LIMITATIONS

- Do not use the product past the expiration date.
- If there is evidence of microbial contamination or excessive turbidity in the product, discard the tube.

Refer to the material limitations, ensuring correct use of the product.

### Representative Values

| Roche Systems  |            |     | LEVEL<br>LOT NO |     |     |         |
|--|------------|-----|-----------------|-----|-----|---------|
| Applications included in the automated data transfer |            |     | UNITS           |     |     |         |
| ANALYTES   | Short Name | ACN | Mean            | Min | Max | Std Dev |

Analyte target values and ranges are provided in the IFU. Values are derived from multiple replicates and are specific for each lot.

Target values and ranges can be downloaded onto compatible **cobas**® instruments via Cobas Link.

## Never Miss an IFU Update!

Sign up for notifications of updates to Multichem IFUs

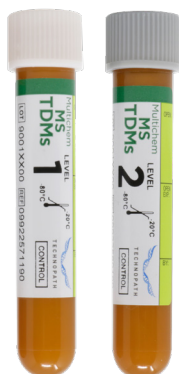
**SIGN UP HERE**

or visit

[www.technopathclinicaldiagnostics.com/landing-pages/sign-up-for-notification-of-changes-to-ifus/](http://www.technopathclinicaldiagnostics.com/landing-pages/sign-up-for-notification-of-changes-to-ifus/)

## Multichem<sup>®</sup> MS TDMs

QC to monitor accuracy and precision of laboratory testing procedures for therapeutic drugs



### Features

- Human-based proprietary formulation
- Mimics performance of patient samples
- Direct load, liquid, for ease of use
- Assayed quality control
- Test consolidated
- Barcoded vials for ease of use
- Assayed and value assigned for Roche **cobas**<sup>®</sup> i 601 analytical unit
- Bi-level utility

### Specifications

- 24 months closed vial stability at -20°C to -80°C
- 5 days open vial stability at 2°C to 8°C

| Product           | Description     | Configuration     | PART NO     |
|-------------------|-----------------|-------------------|-------------|
| Multichem MS TDMs | Assayed Level 1 | 12 x 4.5mL (54mL) | 09922571190 |
|                   | Assayed Level 2 | 12 x 4.5mL (54mL) | 09922580190 |

### Analytes with performance and stability claims:

Amikacin  
Carbamazepine  
Carbamazepine-10,11-epoxide  
Gabapentin  
Gentamicin  
Lamotrigine  
Linezolid

Methotrexate  
Mycophenolic Acid (MPA)  
Mycophenolic Acid Glucuronide  
Phenobarbital  
Phenytoin  
Primidone  
Tobramycin

Topiramate  
Valporic Acid  
Vancomycin  
Voriconazole  
Zonisamide

### Analytes below may be present in the product.

### No claims are made regarding performance and stability.

Acetaminophen  
Digoxin  
Levetiracetam  
Meropenem

Piperacillin  
Salicylate  
Theophylline





## Multichem<sup>®</sup> MS Free TDMs

QC to monitor accuracy and precision of laboratory testing procedures for therapeutic drugs



### Features

- Human-based proprietary formulation
- Mimics performance of patient samples
- Liquid, for ease of use
- Assayed quality control
- Test consolidated
- Assayed and value assigned for Roche **cobas**<sup>®</sup> i 601 analytical unit
- Bi-level utility

### Specifications

- 24 months closed vial stability at -20°C to -80°C
- 10 days open vial stability at 2°C to 8°C

| Product                | Description     | Configuration     | PART NO     |
|------------------------|-----------------|-------------------|-------------|
| Multichem MS Free TDMs | Assayed Level 1 | 12 x 4.5mL (54mL) | 10162066190 |
|                        | Assayed Level 2 | 12 x 4.5mL (54mL) | 10162074190 |

### Analytes with performance and stability claims:

Phenytoin, free  
Valproic Acid, free

**Analytes below may be present in the product.**  
**No claims are made regarding performance and stability.**

Phenytoin  
Valproic Acid



## Multichem® MS VitD

QC to monitor accuracy and precision of laboratory testing procedures for vitamin D



### Features

- Human-based proprietary formulation
- Mimics performance of patient samples
- Direct load, liquid, for ease of use
- Assayed quality control
- Test consolidated
- Barcoded vials for ease of use
- Assayed and value assigned for Roche **cobas**® i 601 analytical unit
- Bi-level utility

### Specifications

- 24 months closed vial stability at -20°C to -80°C
- 10 days open vial stability at 2°C to 8°C

| Product           | Description     | Configuration     | PART NO     |
|-------------------|-----------------|-------------------|-------------|
| Multichem MS VitD | Assayed Level 1 | 12 x 4.5mL (54mL) | 09922555190 |
|                   | Assayed Level 2 | 12 x 4.5mL (54mL) | 09922563190 |

### Analytes with performance and stability claims:

|                                 |                            |
|---------------------------------|----------------------------|
| 24,25-Dihydroxy Vitamin D2      | 25-Hydroxy Vitamin D2      |
| 24,25-Dihydroxy Vitamin D3      | 25-Hydroxy Vitamin D3      |
| 24,25-Dihydroxy Vitamin D total | 25-Hydroxy Vitamin D total |

**Analytes below may be present in the product.**  
**No claims are made regarding performance and stability.**

1,25-Dihydroxy Vitamin D2  
1,25-Dihydroxy Vitamin D3



## Multichem® MS ISDs

QC to monitor accuracy  
and precision of laboratory  
testing procedures for  
immunosuppressant drugs



### Features

- Human-based proprietary formulation
- Mimics performance of patient samples
- Liquid for ease of use
- Assayed quality control
- Test consolidated
- Assayed and value assigned for Roche **cobas**® i 601 analytical unit
- Bi-level utility

### Specifications

- 24 months closed vial stability at -20°C to -80°C
- 10 days\* open vial stability at 2°C to 8°C

| Product           | Description     | Configuration     | PART NO     |
|-------------------|-----------------|-------------------|-------------|
| Multichem MS ISDs | Assayed Level 1 | 12 x 4.5mL (54mL) | 09922598190 |
|                   | Assayed Level 2 | 12 x 4.5mL (54mL) | 09922601190 |

### Analytes with performance and stability claims:

Cyclosporine  
Everolimus

Sirolimus  
Tacrolimus



\* 10 days open vial stability for all analytes with the exception of Everolimus, which has 5 days open vial stability.



## Multichem® MS Steroids

QC to monitor accuracy and precision of laboratory testing procedures for steroids



### Features

- Human-based proprietary formulation
- Mimics performance of patient samples
- Direct load, liquid, for ease of use
- Assayed quality control
- Test consolidated
- Barcoded vials for ease of use
- Assayed and value assigned for Roche **cobas**® i 601 analytical unit
- Bi-level utility

### Specifications

- 24 months closed vial stability at -20°C to -80°C
- 5 days open vial stability at 2°C to 8°C

| Product               | Description     | Configuration     | PART NO     |
|-----------------------|-----------------|-------------------|-------------|
| Multichem MS Steroids | Assayed Level 1 | 12 x 4.5mL (54mL) | 09922512190 |
|                       | Assayed Level 2 | 12 x 4.5mL (54mL) | 09922547190 |

### Analytes with performance and stability claims:

17-Hydroxyprogesterone  
Aldosterone  
Androstenedione  
Cortisol

Cortisone  
DHEA  
DHEA-S  
Dihydrotestosterone

Estradiol  
Progesterone  
Testosterone





## IAMQC® Interlaboratory peer program



The easiest way to automate QC data from Technopath's **Multichem**® **independent** quality controls.

Technopath's **IAMQC** interlaboratory peer program enables a laboratory to choose **real-time peer comparison** from laboratories within group or across the globe for all QC test data. This allows the laboratory to easily monitor its own reliability and precision.

**REGISTER  
FOR IAMQC PEER**

<https://register.iamqc.com>

- **Full automation** options available
- **Daily comparison** of internal lab system or global comparisons
- Powerful automated **inter-laboratory** QC Comparison Reports
- **Track shifts and trends** over time and across reagent lots
- **Meet accreditation requirements** for Peer Comparison



## Setting up Roche **cobas**® instruments with IAMQC® interlaboratory peer program






### It's as simple as step 1, 2 and 3.



## Mass spectrometry quality controls for Roche cobas® i 601 analytical unit

### Order information:

Order through your local Roche affiliate



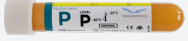




| Product   | Features  | Specifications  | Part Code                                    | Kit Config                             |
|---|---|---|--|--|
| <b>Multichem<br/>MS TDMs</b><br>       | <ul style="list-style-type: none"> <li>Assayed QC</li> <li>Bi-level utility</li> <li>Direct load, liquid, for ease of use</li> <li>Human-based proprietary formulation</li> </ul>   | <ul style="list-style-type: none"> <li>24 months closed vial stability at -20°C to -80°C</li> <li>5 days open vial stability at 2°C to 8°C</li> </ul>   | Level 1: 09922571190<br>Level 2: 09922580190 | 12 x 4.5mL (54mL)<br>12 x 4.5mL (54mL) |
| <b>Multichem<br/>MS Free TDMs</b><br>  | <ul style="list-style-type: none"> <li>Assayed QC</li> <li>Bi-level utility</li> <li>Liquid, for ease of use</li> <li>Human-based proprietary formulation</li> </ul>                | <ul style="list-style-type: none"> <li>24 months closed vial stability at -20°C to -80°C</li> <li>10 days open vial stability at 2°C to 8°C</li> </ul>  | Level 1: 10162066190<br>Level 2: 10162074190 | 12 x 4.5mL (54mL)<br>12 x 4.5mL (54mL) |
| <b>Multichem<br/>MS VitD</b><br>     | <ul style="list-style-type: none"> <li>Assayed QC</li> <li>Bi-level utility</li> <li>Direct load, liquid, for ease of use</li> <li>Human-based proprietary formulation</li> </ul>   | <ul style="list-style-type: none"> <li>24 months closed vial stability at -20°C to -80°C</li> <li>10 days open vial stability at 2°C to 8°C</li> </ul>  | Level 1: 09922555190<br>Level 2: 09922563190 | 12 x 4.5mL (54mL)<br>12 x 4.5mL (54mL) |
| <b>Multichem<br/>MS ISDs</b><br>     | <ul style="list-style-type: none"> <li>Assayed QC</li> <li>Bi-level utility</li> <li>Liquid, for ease of use</li> <li>Mimics performance of patient samples</li> </ul>              | <ul style="list-style-type: none"> <li>24 months closed vial stability at -20°C to -80°C</li> <li>10 days* open vial stability at 2°C to 8°C</li> </ul> | Level 1: 09922598190<br>Level 2: 09922601190 | 12 x 4.5mL (54mL)<br>12 x 4.5mL (54mL) |
| <b>Multichem<br/>MS Steroids</b><br> | <ul style="list-style-type: none"> <li>Assayed QC</li> <li>Bi-level utility</li> <li>Direct load, liquid, for ease of use</li> <li>Mimics performance of patient samples</li> </ul> | <ul style="list-style-type: none"> <li>24 months closed vial stability at -20°C to -80°C</li> <li>5 days open vial stability at 2°C to 8°C</li> </ul>   | Level 1: 09922512190<br>Level 2: 09922547190 | 12 x 4.5mL (54mL)<br>12 x 4.5mL (54mL) |

\* 10 days open vial stability for all analytes with the exception of Everolimus, which has 5 days open vial stability.

## Other Multichem quality controls for compatible Roche **cobas**® systems

### Order information:

Order through your local Roche affiliate

| Product  | Features   | Specifications   | Part Code  | Kit Config  |
|--|--|--|--|---|
| <b>Multichem IA Plus</b><br>      | <ul style="list-style-type: none"> <li>Assayed Immunoassay QC</li> <li>Tri-level utility</li> <li>Direct load, liquid for ease of use</li> <li>Human-based proprietary formulation</li> </ul>  | <ul style="list-style-type: none"> <li>36 month closed vial stability at -20°C to -80°C</li> <li>10 day open vial stability at 2°C to 8°C</li> </ul> | Level 1: 09339825190<br>Level 2: 09339841190<br>Level 3: 09339850190 | 12 x 4mL (48mL)<br>12 x 4mL (48mL)<br>12 x 4mL (48mL) |
| <b>Multichem S Plus</b><br>       | <ul style="list-style-type: none"> <li>Assayed Chemistry QC</li> <li>Tri-level utility</li> <li>Direct load, liquid for ease of use</li> <li>Human-based proprietary formulation</li> </ul>  | <ul style="list-style-type: none"> <li>36 month closed vial stability at -20°C to -80°C</li> <li>10 day open vial stability at 2°C to 8°C</li> </ul> | Level 1: 09339795190<br>Level 2: 09339809190<br>Level 3: 09339817190 | 12 x 4mL (48mL)<br>12 x 4mL (48mL)<br>12 x 4mL (48mL) |
| <b>Multichem P</b><br>          | <ul style="list-style-type: none"> <li>Assayed immunoprotein QC</li> <li>Direct load, liquid for ease of use</li> <li>Human-based proprietary formulation</li> </ul>   | <ul style="list-style-type: none"> <li>36 month closed vial stability at -20°C to -80°C</li> <li>14 day open vial stability at 2°C to 8°C</li> </ul> | Level P: 09339884190   | 12 x 4mL (48mL)                                       |
| <b>Multichem U</b><br>          | <ul style="list-style-type: none"> <li>Assayed urine chemistry QC</li> <li>Bi-level utility</li> <li>Direct load, liquid for ease of use</li> <li>Mimics performance of patient samples</li> </ul>   | <ul style="list-style-type: none"> <li>24 month closed vial stability at 2°C to 8°C</li> <li>30 day open vial stability at 2°C to 8°C</li> </ul>     | Level 1: 09339868190<br>Level 2: 09339876190                         | 12 x 3mL (36mL)<br>12 x 3mL (36mL)                    |
| <b>Multichem ID-G</b><br>       | <ul style="list-style-type: none"> <li>Qualitative quality control optimized for Roche <b>cobas</b>® systems and reagents.</li> <li>Direct load, liquid for ease of use</li> <li>Human-based proprietary formulation</li> <li>Mimics performance of patient samples</li> </ul> | <ul style="list-style-type: none"> <li>24 month closed vial stability at 2°C to 8°C</li> <li>30 day open vial stability at 2°C to 8°C</li> </ul>     | 09339892190  | 4 x 4mL (16mL)  |
| <b>Multichem ID-HIV p24</b><br> | <ul style="list-style-type: none"> <li>Qualitative quality control optimized for Roche <b>cobas</b>® systems and reagents.</li> <li>Direct load, liquid for ease of use</li> <li>Human-based proprietary formulation</li> <li>Mimics performance of patient samples</li> </ul> | <ul style="list-style-type: none"> <li>24 month closed vial stability at 2°C to 8°C</li> <li>30 day open vial stability at 2°C to 8°C</li> </ul>     | 09915494190  | 4 x 4mL (16mL)  |
| <b>Multichem ID-GNeg</b><br>    | <ul style="list-style-type: none"> <li>Qualitative quality control optimized for Roche <b>cobas</b>® systems and reagents.</li> <li>Direct load, liquid for ease of use</li> <li>Human-based proprietary formulation</li> <li>Mimics performance of patient samples</li> </ul> | <ul style="list-style-type: none"> <li>36 month closed vial stability at 2°C to 8°C</li> <li>30 day open vial stability at 2°C to 8°C</li> </ul>     | 09339906190  | 4 x 4mL (16mL)  |

## Additional complementary independent quality controls from Technopath Clinical Diagnostics

| Product Name   | Technopath List No.                                | Kit Config.  | Analytes  | Feature Set  |
|--|--|--|---|--|
| <b>Multichem A1c</b><br>Single level (level 1) assayed<br>Single level (level 2) assayed<br><br>Bi-level Assayed   | HB001A<br>HB002A<br><br>HB000A                     | 12 x 1mL<br>12 x 1mL<br><br>2 x 6 x 1mL                            | <ul style="list-style-type: none"> <li>• HbA1c</li> </ul>   | <ul style="list-style-type: none"> <li>• 24 month closed vial stability at -20°C to -80°C</li> <li>• 30 day open vial stability at 2°C to 8°C</li> </ul> |
| <b>Multichem AE</b><br>Single level (level 1) assayed<br>Single level (level 2) assayed<br>Single level (level 3) assayed<br><br>Bi-level assayed<br>Tri-level assayed | AE611A<br>AE612A<br>AE613A<br><br>AE600A<br>AE610A | 12 x 2mL<br>12 x 2mL<br>12 x 2mL<br><br>2 x 6 x 2mL<br>3 x 4 x 2mL | <ul style="list-style-type: none"> <li>• Ammonia</li> <li>• Ethanol</li> </ul>  | <ul style="list-style-type: none"> <li>• 36 month closed vial stability at -20°C to -80°C</li> <li>• 14 day open vial stability at 2°C to 8°C</li> </ul> |
| <b>Multichem AMH</b><br>Single level (level 1) assayed<br>Single level (level 2) assayed<br>Single level (level 3) assayed<br><br>Tri-level assayed                    | AM501A<br>AM502A<br>AM503A<br><br>AM500A           | 12 x 2mL<br>12 x 2mL<br>12 x 2mL<br><br>3 x 4 x 2mL                | <ul style="list-style-type: none"> <li>• Anti-Müllerian Hormone</li> </ul>  | <ul style="list-style-type: none"> <li>• 36 month closed vial stability at -20°C to -80°C</li> <li>• 30 day open vial stability at 2°C to 8°C</li> </ul> |
| <b>Multichem CSF</b><br>Single level (level 1) assayed<br>Single level (level 2) assayed<br><br>Bi-level assayed   | CF101A<br>CF102A<br><br>CF100A                     | 12 x 2mL<br>12 x 2mL<br><br>2 x 6 x 2mL                            | <ul style="list-style-type: none"> <li>• Glucose</li> <li>• Lactate</li> <li>• IgG</li> <li>• Protein</li> </ul>  | <ul style="list-style-type: none"> <li>• 36 month closed vial stability at -20°C to -80°C</li> <li>• 30day open vial stability at 2°C to 8°C</li> </ul>  |
| <b>Multichem D-Dimer</b><br>Single level (level 1) assayed<br>Single level (level 2) assayed<br><br>Bi-level assayed   | DM901A<br>DM902A<br><br>DM900A                     | 12 x 1mL<br>12 x 1mL<br><br>2 x 6 x 1mL                            | <ul style="list-style-type: none"> <li>• D-Dimer</li> </ul>   | <ul style="list-style-type: none"> <li>• 36 month closed vial stability at -20°C to -80°C</li> <li>• 30 day open vial stability at 2°C to 8°C</li> </ul> |
| <b>Multichem hsTn</b><br>Single level (assayed)  | HS301A   | 12 x 3mL   | <ul style="list-style-type: none"> <li>• Troponin I</li> <li>• Troponin T</li> </ul>  | <ul style="list-style-type: none"> <li>• 36 month closed vial stability at -20°C to -80°C</li> <li>• 10 day open vial stability at 2°C to 8°C</li> </ul> |
| <b>Multichem IA Speciality</b><br>Single level (level 1) assayed<br>Single level (level 2) assayed<br>Single level (level 3) assayed<br><br>Tri-level Assayed          | BP301A<br>BP302A<br>BP303A<br><br>BP300A           | 12 x 2mL<br>12 x 2mL<br>12 x 2mL<br><br>3 x 4 x 2mL                | <ul style="list-style-type: none"> <li>• ACTH</li> <li>• BNP</li> <li>• Calcitonin</li> <li>• Procalcitonin</li> <li>• PTH Intact</li> </ul>                      | <ul style="list-style-type: none"> <li>• 36 Month Closed Vial Stability at -20°C to -80°C</li> <li>• 7 day open vial stability at 2°C to 8°C</li> </ul>  |
| <b>Multichem NB</b><br>Single level (assayed)  | NB800A   | 12 x 2mL   | <ul style="list-style-type: none"> <li>• Direct Bilirubin</li> <li>• Total Bilirubin</li> <li>• Caffeine*</li> <li>• Theophylline</li> </ul>                      | <ul style="list-style-type: none"> <li>• 36 month closed vial stability at -20°C to -80°C</li> <li>• 14 day open vial stability at 2°C to 8°C</li> </ul> |
| <b>Multichem WBT</b><br>Tri-level assayed  | WB000A   | 3 x 4 x 2mL  | <ul style="list-style-type: none"> <li>• Cyclosporine</li> <li>• Red Blood Cell Folate*</li> <li>• Glucose*</li> <li>• Sirolimus</li> <li>• Tacrolimus</li> </ul> | <ul style="list-style-type: none"> <li>• 30 month closed vial stability at -20°C to -80°C</li> <li>• 10 day open vial stability at 2°C to 8°C</li> </ul> |

\*Refer to lot specific IFU for analyte performance and stability claims.



**TECHNOPATH**  
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[technopathcd.com](http://technopathcd.com)

Technopath Life Sciences Park  
Fort Henry, Ballina,  
Co. Tipperary, V94FF1P, Ireland.

Tel: +353 61 525700

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